

09/840,306.

CajC

Docket No.: 60188-063

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 20277  
Bunji MIZUNO, et al. : Confirmation Number: 4390  
Application No.: 09/840,306 : Group Art Unit: 2829  
Patent No.: 6,784,080 B2 :  
Filed: April 24, 2001 : Examiner: A. K. Sarkar  
Issued: August 31, 2004 :  
For: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICES BY SPUTTER-DOPING (As Amended)

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 CFR 1.322**

Mail Stop Box 4/ Certificate of Correction  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
**FEB 14 2005**  
**of Correction**

Sir:

In reviewing the above-identified patent, a printing error was discovered therein requiring correction in order to conform the Official Record in the application.

The error noted is set forth on the attached copy of form PTO-1050 Rev. 2-93 in the manner required by the Commissioner's Notice.

Specifically, on the title page of the patent, Item "(54)", change the last two words in the title from "SPUTTER DOPING" to **--SPUTTER-DOPING--**. The correct version of the word can be seen on Form PTOL-85, as well as in the Amendment filed September 6, 2002. Copies of From PTOL-85, as well as of relevant pages of the amendment are attached for your information and convenience.

**FEB 15 2005**

**09/840,306**  
Patent 6,784,080 B2

The change requested herein occurred as a result of printing the Letters Patent and the Certificate should be issued without expense under Rule 322 of the Rules of Practice. Accordingly, Applicants request issuance of the Certificate of Correction.

Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

McDERMOTT WILL & EMERY LLP



Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
Phone: 202.756.8000 MEF:BD  
Facsimile: 202.756.8087  
**Date: February 2, 2005**

**Please recognize our Customer No. 20277  
as our correspondence address.**

WDC99 1036116-1.060188.0063

Staple  
Here  
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,784,080 B2

DATED : August 31, 2004

INVENTOR(S): Bunji MIZUNO, et al.

It is certified that error appears in the above-identified patent and that said Letter Patent is hereby corrected as shown below:

Title page, Item "(54)", change the last two words in the title from "SPUTTER DOPING" to -- SPUTTER-DOPING—

FEB 15 2005

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
**Commissioner for Patents**  
**Alexandria, Virginia 22313-1450**  
**or Fax (703) 746-4000**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)  
 20277 7590 09/16/2003

**MCDERMOTT WILL & EMERY**  
**600 13TH STREET, N.W.**  
**WASHINGTON, DC 20005-3096**



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/840,306	04/24/2001	Bunji Mizuno	60188-063	4390

TITLE OF INVENTION: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICES BY SPUTTER-DOPING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300- 1330-	\$300	\$1600- 1630-	12/16/2003
EXAMINER	ART UNIT	CLASS-SUBCLASS			
SARKAR, ASOK K	2829	438-513000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 MCDERMOTT, WILL  
 2 & EMERY  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** **Osaka, JAPAN**

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

XXX ☒ Issue Fee  
 XXX ☒ Publication Fee  
 XXX ☒ Advance Order - # of Copies 4

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 500417 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

**Michael E. Fogarty** Reg. #36,139 12/9/2003

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)



Applicant Bunji MIZUNO, et al.

Docket No. 60188-063

Title:

METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

Serial/Reg./Patent No.

09/840,306

Date Sent:

9/6/2002

☒ Hand Carried

☐ Fax

☐ Electronic

☐ Cert. of Mailing

☐ Express Mail No. \_\_\_\_\_

☐ Transmittal Letter

☐ New Patent App

☐ Utility

☐ Design

☐ Cont.

☐ CIP

☐ Div.

☐ PCT

☐ CPA

☐ RCE

☐ Prov

☐ Other:

pages of Specification

pages of Claims

pages of Abstract

pages of Formal/Informal Drawings

☐ Small Entity ☐ Large Entity

Declaration/Power of Attorney

Recordation of Assignment/Security Agreement

Information Disclosure Statement

Form PTO 1449

copies of cited references

Preliminary Amendment

Response to Missing Parts Notice

Resp. to Notice to Correct App. Papers

Certified Copy of Priority Doc.

Claim for Convention Priority

Response/Amendment to Office Action of

26MAR02

☒ Petition for THREE month Extension of Time

Charge Deposit

☒ Acct. (deposit account) \$

1,028.00

Atty. Init.

MEF

Trqr. #

3328

Secy. or PL:

RPhase

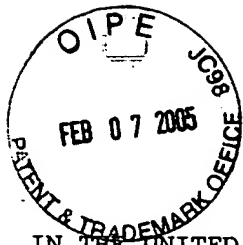
CMS Descrip.: (3) = \$108

(6) = \$400

(20) = \$520

THE PATENT AND TRADEMARK OFFICE DATE STAMPED HEREON IS ACKNOWLEDGEMENT THAT THE ITEMS CHECKED ABOVE WERE RECEIVED BY THE PTO ON THE DATE STAMPED.





FILE

PATENT  
ATTORNEY DOCKET NO. 60188-063

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bunji MIZUNO et al.

Serial No.: 09/840,306

Group Art Unit: 2829

Filed: April 24, 2001

Examiner: ASOK K. SARKAR

For: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

AMENDMENT TRANSMITTAL

Honorable Commissioner of Patents  
and Trademarks,  
Washington, D.C. 20231

Sir:

1. X Transmitted herewith is an amendment for the above-identified application.

**STATUS**

2. X Applicant is        is small entity - verified statement:  
       attached        already filed.  
X other than a small entity.

**EXTENSION OF TIME**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. §1.136 apply.

- (a) X Applicant petitions for an extension of time for the total number of months checked below:

EXTENSION (months)	FEE FOR SMALL ENTITY	FEE FOR OTHER THAN SMALL ENTITY
<u>      </u> one month	\$ 55.00	\$ 110.00
<u>      </u> two months	200.00	400.00
<u>X</u> three months	460.00	920.00
<u>      </u> four months	720.00	1,440.00

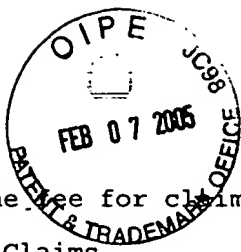
Fee \$ 920.00

If an additional extension of time is required, please consider this a petition therefor.

- An extension for        months has already been secured and the fee paid therefor of        is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this Request \$

- (b)        Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that Applicant has inadvertently overlooked the need for a petition for extension of time.



4. X The fee for claims has been calculated as shown below:

	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	Rate	Additional Fee
Total	:	:	:	:	:
Claims	: 44	: 38	: 6	: x \$ 18.00 =	: 108.00
Independent	:	:	:	:	:
Claims	: 6	: 6	: 0	: x \$ 84.00 =	: 0.00
Multiple Dependent Claims (first presentation)					: \$280.00 =
Total					= : 108.00
Reduction by 1/2 for small entity					: - 0
TOTAL FEE					: \$108.00

- (a)      No additional fee for claims is required.

-OR-

- (b) X The total additional fee for claims required \$ 108.00 .

**FEE PAYMENT**

5.      Attached is a check in the amount of \$ .

X Charge Deposit Account No. 50-0417 the amount of \$ 1,028.00. A duplicate copy of this Transmittal is enclosed for accounting purposes.

**FEE DEFICIENCY**

X If any additional extension and/or fee is required, this is the request therefor and to charge Deposit Account No. 50-0417.

AND/OR

X If any additional fee for claims is required, charge Deposit Account No. 50-0417. A duplicate copy of this Transmittal is enclosed for accounting purposes.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

Date:

9/6/02

By:

Michael E. Fogarty  
Registration No. 36,139

600 13th Street, N.W., Suite 1200  
Washington, D.C. 20005-3096  
(202) 756-8000



Attorney Docket No.: 60188-063  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
Bunji Mizuno, et al. : Group Art Unit: 2829  
Serial No.: 09/840,306 : Examiner: Asok K. SARKAR  
Filed: April 24, 2001 :  
For: METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

**AMENDMENT UNDER 37 C.F.R. § 1.111**

Hon. Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Office Action dated March 26, 2002, having a shortened statutory period for response set to expire June 26, 2002, a petition for three months extension of time up to and including September 26, 2002, being filed concurrently herewith, please amend the above-identified application as follows:

**IN THE TITLE:**

Please change the title of the invention to read as: --METHOD OF  
MANUFACTURING SEMICONDUCTOR DEVICES BY ~~SPUTTER DOPING~~-->



Examiner's amendment, the Examiner is requested to call Applicants' attorney at the telephone number shown below.

Respectfully submitted,

McDERMOTT, WILL & EMERY

Date: \_\_\_\_\_

9/1/02

By: \_\_\_\_\_

Michael E. Fogarty  
Registration No. 36,139

600 13<sup>th</sup> Street, N.W., Suite 1200  
Washington, D.C. 20005-3096  
Telephone: 202-756-8000  
Facsimile: 202-756-8087

WDC99 636818-1.060188.0063